

1 ABSTRACT

2 Between the cylinder head and combustion chamber of an
3 internal combustion engine, an intermediate sealing ring. The sealing
4 ring is in sliding contact at its top circular surface with a disc valve
5 rotatively mounted in said cylinder head and at its outer periphery in
6 fixed sealing contact with the inner surface of the engine cylinder of
7 said engine combustion chamber. The purpose of the intermediate seal
8 is to confine the working fluids, being acted upon by the reciprocating
9 motion of the engine piston, across the stationary interface of the
10 engine cylinder and rotative surface of the disc valve.

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